industries engaged in the manufacturing of electric motors, generators, transformers and inverters is available as per the 3rd and 4th All India Census with reference years 2001-02 and 2006-07 respectively. The details of which are given below:

Census	Number of Units		Total
	Registered	Unregistered	
3rd (2001-02)	8396	21054	29450
4th (2006-07)	13825	33493	47318

(b) and (c) Planning Commission had fixed a capacity addition target of 78,700 MW during 11 Plan period to meet the power requirement of the country. Central Electricity Authority (CEA) has recently reviewed the likely capacity addition during 11th Plan after meeting with project developers. Based on the inputs provided by the project developers and suppliers, CEA has assessed that a total capacity of 62,374 MW is likely to be commissioned with high level of certainty during the 11th Plan, out of which projects aggregating 18,859 MW have already been commissioned till 30.11.2009. In addition, projects aggregating 12,590 MW are being attempted for commissioning on best efforts basis.

A capacity addition of at least 1,00,000 MW would be required by the 12th Plan to meet the projected demand. The capacity addition programme for the 12th Plan is yet to be finalized.

Imports of power equipment from China

2751. SHRI SANTOSH BAGRODIA:

DR. E.M. SUDARSANA NATCHIAPPAN:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that there has been a significant increase in the imports of power equipments and machinery from China, if so, the details thereof;

(b) whether it is a fact that most of such imports are done by the private power producers; and

(c) whether domestic producers are not able to supply equipments due to noncommercial conditionality in the tender?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI BHARATSINH SOLANKI): (a) and (b) Yes, Sir. There has been an increase in import of power equipment from China. At present 21,519 MW of capacity both in thermal and hydro is being implemented using equipments from China. The thermal and hydro power projects, which are programmed to give; benefits in 11th Plan, orders for which have been placed on Chinese manufacturer/supplier on Boiler-Turbine-Generator (BTG)/ Engineering Procurement & Construction (EPC) /Electro-Mechanical packages basis is given in the Statement (*See* below). Out of 21519 MW of capacity under construction during 11th Plan, 4794 MW is being implemented in the Government Sector (Central Sector 1200 MW and State Sector 3594 MW) and 16725 MW in the Private Sector.

(c) The bids are generally selected through competitive biddings of equipment supplier as the target of capacity addition is high and capacity of domestic equipment manufacturers at the moment is less, so plants are being imported.

Statement

Order placed on Chinese Manufacturers/suppliers for power projects programmed for benefit during 11th plan.

Sector	State	Project Name/Implementing Agency	Unit No.	Org. cap (MW)	Name of the manufacturer/supplier
1	2	3	4	5	6
Thermal					
Central Sector					
	WB	Raghunathpur TPP, Ph-I/ DVC	U-1	600	M/s Shanghai Electric Corp., China
			U-2	600	
			Sub Total	1200	
State Sector					
	Haryana	Rajiv Gandhi TPS, Hissar/ HPGCL	U-1	600	M/s Shanghai Electric Corp., China
			U-2	600	
	Haryana	Yamuna Nagar TPP/ HPGCL	U-1	300	M/s Shanghai Electric Corp., China
			U-2	300	
	TN	Mettur TPP Ext/ TNEB	U-1	600	Dong Fang Electric Corpn. China
	WB	Durgapur TPS Extn/ DPL	U-7	300	Dong Fang Electric Corpn. China
	WB	Sagardighi TPP/ WBPDCL	U-I	300	Dong Fang Electric Corpn. China
			U-2	300	
			Sub-Total	3300	
Private Sector					
	Chhattisgarh	Lanco AmarkantakTPS Ph-1, Lanco Amarkantak Power Pvt. Ltd	U-1	300	Zelen Malayasia/Dong Fang Electric Company, China
			U-2	300	

Gujarat	Mundra TPP Ph-1 (U-1 & 2)/ Adani Power Ltd	U-I	330	SCMEC, SFPML, China
		U-2	330	
Gujarat	Mundra TPP Ph-I(U-3&4)/ Adani Power Ltd	U-3	330	Kowa/SFPML, China
		U-4	330	
Gujarat	Mundra TPP Ph-II/ Adani Power Ltd	U-1	660	SEPCO-III, China
		U-2	660	
Gujarat	Mundra TPP Ph-III/ Adani Power Ltd	U-I	660	SEPCO-III, China
		U-2	660	
		U-3	660	
Karnataka	Toranagallu TPP/ JSW Energy (Vijayanagar) Ltd	U-1	300	Shanghai Electric Corp., China
		U-2	300	
Karnataka	Udupi TPP/ NPCL	U-1	507.5	Dong Fang Electric Company, China
		U-2	507.5	
Maharashtra	JSW Ratnagiri TPP/ SW Energy (Ratnagiri) Ltd	U-1	300	Shanghai Electric Corp., China
		U-2	300	
		U-3	300	
		U-4	300	
Maharashtra	Tirora TPP Ph-I/ Adani Power Ltd	U-I	660	SCMEC, China
		U-2	660	

1	2	3	4	5	6
	Maharashtra	Tirora TPP Ph-II/ Adani Power Ltd	U-1	660	
	MP	Sasan UMPP/ Reliance Power Ltd.	U-1	660	Shanghai Electric Corp., China
	Orissa	Sterlite TPP/ Sterlite Energy Ltd.	U-1	600	SEPCO-III, China
			U-2	600	
			U-3	600	
			U-4	600	
	Rajasthan	Jallipa-Kapurdi TPP/ Raj West Power Ltd.(JSW)	U-1	135	Dong Fang, China
			U-2	135	
			U-3	135	
			U-4	135	
			U-5	135	
			U-6	135	
			U-7	135	
			U-8	135	
	UP	Anpara-C/ Lanco Anpara Power Pvt, Ltd.	U-1	600	Dong Fang, China
			U-2	600	
	UP	Rosa TPP Ph-1/ Rosa Power Supply Co.Ltd.- Reliance Energy	U-1	300	Shanghai Electric Corp., China
			U-2	300	

	UP	Rosa TPP Ph-II/ Rosa Power Supply Co.Ltd.- Reliance Energy	U-3	300	Shanghai Electric Corp., China
			U-4	300	
			Sub-Total	16555	
			Total (Thermal)	21055	
Hydro					
State Sector					
	Andhra Pradesh	Priyadarshini Jurala/ APGENCO	6X39	234	CMEC
	Kerala	Pallivasal/ KSEB	2X30	60	Dongfang Electric Company
			Sub-Total	294	
Private Sector					
	H.P.	Budhil/ Lanco Green Power Pvt. Ltd.	2X35	70	Dongfang Electric Company
		Malana/ Everest Power Pvt. Ltd.	2X50	100	Dongfang Electric Company
			Sub-Total	170	
			Total (Hydro)	464	
			Grand Total (Thermal + Hydro)	21519	